

#### Please type a plus sign (+) inside time Approved for use through 19,5000 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number FAR009 Donald S. Butler First Named Inventor **DESIGN COMPLETE IF KNOWN** PATENT APPLICATION 654,938 (37 CFR 1.63) **Application Number** 05/10/2000 **Filing Date** ☑ Declaration Submitted after Initial □ Declaration Submitted Group Art Unit Filing (surcharge (37 CFR 1.16 (e)) with Initial **Filing Examiner Name** required)

| As a below named inventor, I hereby declare that:  |   |  |   |  |  |  |  |
|--|---|--|---|--|--|--|--|
| My residence, mailing address, and citizenship are as stated below next to my name.  |   |  |   |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:   |   |  |   |  |  |  |  |
| REDUCED TELEVISION DISPLAY FLICKER AND PERCEIVED LINE STRUCTURE WITH LOW HORIZONTAL SCAN RATES   |   |  |   |  |  |  |  |
| 7  | Title of the Invention)   |  |   |  |  |  |  |
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|  | as United St  | tates Application I  | Number or PCT International   |  |  |  |  |
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| cifically referred to above  | /e.   | nilleu speuliusuui   | 1, including the claims, as   |  |  |  |  |
| e information which is m   | naterial to patentability as  | s defined in 37 CF   | R 1 56, including for continuation-   |  |  |  |  |
| mation which became a  | ivaliable between the filin   | ng date of the prior   | r application and the national or   |  |  |  |  |
|  |   |  |   |  |  |  |  |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed. |   |  |   |  |  |  |  |
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| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  |   |  |   |  |  |  |  |
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| 35 U.S.C. 119(e) of an   | y United States provision   |  |   |  |  |  |  |
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| 35 U.S.C. 119(e) of an   | y United States provision   | nal application(s) I   |   |  |  |  |  |
| 35 U.S.C. 119(e) of an   | y United States provision   | nal application(s) I Additional numbers  | isted below.  al provisional application  |  |  |  |  |
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|  | od citizenship are as start sole inventor (if only or oject matter which is claim DISPLAY FLIC L SCAN RATES  O5/10/200  O5/10/200  O5/10/200  and was a digital and understand the confically referred to above a information which is matter which became a continuation-in-part application also identified below, all application having a financial sole international application also identified below, all application having a financial sole international application having a financial sole identified below, all application having a financial sole identified below. | d citizenship are as stated below next to my nare is listed below) opect matter which is claimed and for which a pate DISPLAY FLICKER AND PERCELL SCAN RATES  (Title of the Invention)  as United S  05/10/2000  as United S  05/10/2000  as United S  d and understand the contents of the above ider cifically referred to above.  e information which is material to patentability as mation which became available between the filir continuation-in-part application.  effits under 35 U.S.C. 119(a)-(d) or 365(b) of are also identified below, by checking the box, as all application having a filing date before that of the solution | as United States Application  of and understand the contents of the above identified specification which is material to patentability as defined in 37 CF matter which is material to patentability as defined in 37 CF matter which is material to patentability as defined in 37 CF matter which is material to patentability as defined in 37 CF matter which became available between the filing date of the prior continuation-in-part application.  In definition which designated at least one country of also identified below, by checking the box, any foreign application application having a filing date before that of the application on Foreign Filing Date  Priority |  |  |  |  |

#Page 1 of 3)

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| Country   | Te                               | elephone    | ^           |                  | Fax                           |  |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.   |                                  |             |             |                  |                               |  |
| NAME OF SOLE OR FIRST INV   | ENTOR:                           |             | A petition  | on has been file | ed for this unsigned inventor |  |
| Given Name (first and middle [if any]) Donald   | s. · ·                           |             | Family N    |                  | er                            |  |
| Inventor's Sufficient |                                  |             |             |                  |                               |  |
| Residence: City Cupertino   |                                  | State C     | A c         | Country USA      | Citizenship GB                |  |
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| Mailing Address   |                                  |             |             |                  |                               |  |
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| NAME OF SECOND INVENTOR   | :                                |             | A petition  | on has been file | ed for this unsigned inventor |  |
| Given Name<br>(first and middle [if any]) Xu  |                                  |             | Family N    | Dong             |                               |  |
| Inventor's Signature  |                                  |             |             | _                | Date 2/27/0/                  |  |
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| Mailing Address   |                                  |             |             |                  |                               |  |
| cky San Jose  | State CA                         |             | ZIP 9       | 95129            | Country USA                   |  |
| xx Additional inventors are being named   |                                  |             |             |                  | 0/SB/02A attached hereto.     |  |



PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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### **DECLARATION**

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page \_\_\_ of \_\_\_

| Name of Additional Joint Inventor, if any: |  |                        | A petition has been filed for this unsigned inventor |                 |                     |  |
|--|--|------------------------|--|-----------------|---------------------|--|
| Given Name (first and middle [if any])     |  |                        | Family Name or Surname                               |                 |                     |  |
| Jack J.                                    |  |                        | Campbell   |                 |                     |  |
| Invertor's Signature Such & Such           |  |                        | Q  | Date 2 / 27/01  |                     |  |
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| Mailing Address 1161 De Haro               | Street   | <del></del>            | ······································               |                 |                     |  |
| Mailing Address                            |  |                        |  |                 |                     |  |
| Chy San Francisco                          | State CA   |                        | ZIP 94107 Country USA                                |                 |                     |  |
| Name of Additional Joint Inventor, If an   | ıy:  |                        | A petition has been filed                            | for this        | s unsigned inventor |  |
| Given Name (first and middle [if any]      | )  | Family Name or Surname |  |                 |                     |  |
|  |  |                        |  |                 |                     |  |
| Inventor's<br>Signature                    | Date   |                        |  | Date            |                     |  |
| Residence: City                            | State  | Country                |  |                 | Citizenship         |  |
| Malling Address                            | ·  | _                      |  |                 |                     |  |
| Mailing Address                            |  |                        |  |                 |                     |  |
|  |  |                        |  |                 | _                   |  |
| City                                       | State  |                        | ZIP  | Cou             | ntry                |  |
| Name of Additional Joint Inventor, if a    | A petition has been filed for this unsigned inventor |                        |  |                 |                     |  |
| Given Name (first and middle [if any])     |  |                        | Family Name or Surname                               |                 |                     |  |
|  |  |                        |  |                 |                     |  |
| Inventor's<br>Signature                    |  |                        |  |                 | Date                |  |
| Residence: City State                      |  |                        | Country  |                 | Citizenship         |  |
| Mailing Address                            |  |                        |  |                 |                     |  |
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Advanced Docket Number FAR009

#### **DECLARATION FOR UTILITY OR DESIGN** PATENT APPLICATION (37 CFR 1.63)

☐ Declaration Submitted with Initial Filing

OR

Declaration
Submitted after Initial Filing (surcharge (37 ČFR 1.16 (e)) required)

| Attorney Docket Num  | ber FAR009       |
|----------------------|------------------|
| First Named Inventor | Donald S. Butler |
| COMPLE               | TE IF KNOWN      |
| Application Number   | 09 / 654,938     |
| Filing Date          | 05/10/2000       |
| Group Art Unit       |                  |
| Examiner Name        |                  |

| As a below named inventor, I hereby declare that:  |                       |                         |                     |  |  |  |  |
|--|-----------------------|-------------------------|---------------------|--|--|--|--|
| My residence, mailing address, and citizenship are as stated below next to my name.  |                       |                         |                     |  |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:   |                       |                         |                     |  |  |  |  |
| REDUCED TELEVISION DISPLAY FLICKER AND PERCEIVED LINE STRUCTURE WITH LOW HORIZONTAL SCAN RATES   |                       |                         |                     |  |  |  |  |
|  |                       | Fitle of the Invention) |                     |  |  |  |  |
| the specification of which   |                       | ·                       |                     |  |  |  |  |
| ☐ is attached hereto   |                       |                         |                     |  |  |  |  |
| OR   |                       |                         | tates Application I | Number or PCT International  |  |  |  |
| was filed on (MM/DD/YYYY)  | 05/10/200             | 0                       | • • •               |  |  |  |  |
| Application Number 00/654  |                       |                         |                     | (if applicable).   |  |  |  |
| Application Number 09/654  | <u>,938</u> and was a | mended on (MM/DD/YY     | YY)                 |  |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.   |                       |                         |                     |  |  |  |  |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-<br>in-part applications, material information which became available between the filing date of the prior application and the national or<br>PCT international filing date of the continuation-in-part application.   |                       |                         |                     |  |  |  |  |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed. |                       |                         |                     |  |  |  |  |
| Prior Foreign Application  |                       | Foreign Filing Date     | Priority            | Certified Copy Attached?   |  |  |  |
| Number(s)  | Country               | (MM/DD/YYYY)            | Not Claimed         | YES NO   |  |  |  |
|  |                       |                         | 0000                | 0000   |  |  |  |
| ☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  |                       |                         |                     |  |  |  |  |
| I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  |                       |                         |                     |  |  |  |  |
| Application Number(s)  | Filing Date           | e (MM/DD/YYYY)          | numbers<br>supplem  | al provisional application<br>are listed on a<br>ental priority data sheet<br>02B attached hereto. |  |  |  |
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## **DECLARATION** — Utility or Design Patent Application

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| I hereby declare that all statements mad<br>are believed to be true; and further that<br>made are punishable by fine or imprisor<br>validity of the application or any patent is | t these state<br>nment, or bot | ements wer<br>oth, under 1 | ere made wi | ith the kr    | nowledge that willfi | ul false statements and the like so |  |
| NAME OF SOLE OR FIRST INV  | ENTOR:                         |                            |             | A petiti      | ion has been fil     | ed for this unsigned inventor       |  |
| Given Name (first and middle [if any]) Donald  | s.                             |                            |             | Family or Sum |                      | er                                  |  |
| Inventor's<br>Signature  |                                |                            |             |               |                      | Date                                |  |
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| NAME OF SECOND INVENTOR  |                                |                            |             | A petit       | ion has been fil     | led for this unsigned inventor      |  |
| Given Name (first and middle [if any])  Xu  Family Name or Surname Dong  |                                |                            |             |               | ſ                    |                                     |  |
| Inventor's Signature Date  |                                |                            |             |               |                      |                                     |  |
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| Residence: City Sair 505e State CA   Country USA   Citizenship USA   Mailing Address 1464 Petal Way  |                                |                            |             |               |                      |                                     |  |
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| cky San Jose   | State C                        | ·A                         |             | ZIP S         | 95129                | Country USA                         |  |
| Additional inventors are being named on the _1_supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.  |                                |                            |             |               |                      |                                     |  |